AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A wireless terminal, when connected to a base device, receiving video data or audio data or both video and audio data from the connected base device, comprising:

connection requesting means for broadcasting a connection request command that requests a connection with a base device;

connection establishing means for, when there are two or more base devices in a communications range of the wireless terminal, obtaining only a first incoming one of sets of identification data, each set being transmitted from a base device in response to the connection request command and specifying the ~~respective~~ base device, so as to establish a connection with a base device that is indicated by the thus obtained, first incoming set of identification data~~, the base station having the established connection being the connected base station~~;

connection completion notifying means for, after the obtaining of the first incoming set of identification data, broadcasting a connection process completion command that indicates that the connection with the connected base device is established; and

connection counterpart notifying means for notifying, based on the first incoming set of identification data, a user of the base device to which the wireless terminal is currently connected.

2. (Canceled).

3. (Canceled).

2   MRC/RWD/

4. (Previously Presented) A wireless terminal as set forth in Claim 1, wherein:

the identification data contains a key for encrypting the data and a key for decrypting the encrypted data.

5. (Previously Presented) A wireless terminal as set forth in Claim 4, wherein:

the key for encrypting the data and the key for decrypting the encrypted data are algorithms specific to the base device indicated by the identification data.

6. (Previously Presented) A wireless terminal as set forth in Claim 1, comprising:

image output means for causing display means to display an image based on video data received from the base device to which the wireless terminal is connected,

the connection counterpart notifying means displaying the identification data on the display section in an OSD manner.

7. (Original) A base device comprising:

identification data transmission means for transmitting the identification data to the wireless terminal as set forth in Claim 1.

8. (Original) A wireless system comprising:

the wireless terminal as set forth in Claim 1; and

MRC/RWD/

a base device comprising identification data transmission means for transmitting the identification data to the wireless terminal as set forth in Claim 1.

9. (Previously Presented) A computer readable storage medium storing a control program for operating a wireless terminal as set forth in Claim 1, the control program causing a computer to function as each of the means.

10. (Canceled).

11. (Currently Amended) A wireless system comprising a base device and a wireless terminal which, when connected to a base device, receives either video data or audio data or both video and audio data from the connected base device, wherein:

the wireless terminal comprises:

connection requesting means for broadcasting a connection request command that requests a connection with a base device;

connection establishing means for, when there are two or more base devices in a communications range of the wireless terminal, obtaining only a first incoming one of sets of identification data, each set being transmitted from a base device in response to the connection request command and specifying the ~~respective~~ base device, so as to establish a connection with a base device that is indicated by the thus obtained, first incoming set of identification data, ~~the base station having the established connection being the connected base station~~;

MRC/RWD/

connection completion notifying means for, after the obtaining of the first incoming set of identification data, broadcasting a connection process completion command that indicates that the connection with the connected base device is established;

first connection confirming mode transiting means for causing transition into a connection confirmation mode in accordance with input of an instruction from a user;

connection confirming means for obtaining, after the transition to the connection confirmation mode, a connection confirmation command from the base device to which the wireless terminal is connected, the connection confirmation command being for confirming the connection; and

warning means for warning the user if the connection confirmation means does not obtain the connection confirmation command within a predetermined time after the transition to the connection confirmation mode, and

the base device comprises:

identification data transmission means for transmitting the identification data after receiving a connection request command;

means for, after receiving the connection process completion command, recognizing that the connection is established and transmitting either video data or audio data or both video and audio data to the wireless terminal;

second connection confirming mode transiting means for causing transition into the connection confirmation mode in accordance with the input of the instruction from the user; and

MRC/RWD/

connection confirmation command transmitting means for transmitting the connection

confirmation command, if the transition into the connection confirmation is performed.

12. (Canceled).

13. (Canceled).

14. (Previously Presented) The wireless system as set forth in Claim 11, wherein:

the identification data contains a key for encrypting the data and a key for decrypting the

encrypted data.

15. (Previously Presented) A wireless system as set forth in Claim 14, wherein:

the key for encrypting the data and the key for decrypting the encrypted data are

algorithms specific to the base device indicated by the identification data.

16. (Previously Presented) A wireless system as set forth in Claim 11, comprising:

image output means for causing display means to display an image based on video data

received from the base device to which the wireless terminal is connected,

the warning means warning the user by displaying a warning message on the display

section in an OSD manner.

17. (Canceled).

18. (Canceled).

19. (Previously Presented) A computer readable storage medium storing a control

program for operating a wireless terminal constituting the wireless system as set forth in Claim

11, the control program causing a computer to function as each of the means.

20. (Canceled).

21. (Previously Presented) A computer readable storage medium storing a control

program for operating a base device constituting the wireless system as set forth in Claim 11, the

control program causing a computer to function as each of the means.

22. (Canceled).

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